

LDWSP  
12.3.4/2.1  
6-23-00

**From:** Brian Vance  
**To:** Dave Kehle  
**Date:** Friday, June 23, 2000 11:12:14 AM  
**Subject:** Soils report  
**Place:** Rich Hill

Dave, I have determined that the old soils report is not adequate for the purpose of new building ID 16. I have contracted AGRA to do a new report including the liquefaction aspect. Five test holes have been bored in the area of the foundation for bldg. 16. Two were 10 ft. deep, two were 50 ft. deep, and the fifth one 75' deep. The last one was a cone penetrometer test.

The scope of work is:

- Characterize soil for pile/foundation design
- Characterize soil for floor slab design
- Determine thickness, density and fines content of saturated subsurface soils for liquefaction analysis and
- Interpreting soil characteristics for determining appropriate 1997 UBC seismic soil profile type

This report is to be finished and available on Tues the 27th. I will furnish you a copy on Tues.

Please let me know if the scope is adequate for our purposes. The person at AGRA that is handling this study is Steve Siebert, ph. 425 820-4669.

Thanks, we will need to talk on Monday concerning progress on submittals due on Wed.

Brian

**CC:** Mike Cassidy; Rich Hill

